Update on the Development of a Electric Reliability Standard Manual

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Reliability Standard Manual

- Staff has been reviewing
  - NERC Reliability Standards and Manuals
  - Alaska Electric Railbelt Standards (I-16-002)

- In light of differing pieces of proposed legislation, it has been determined to use the phrase “Electric Reliability Organization (ERO)” in the development of the Reliability Standard Manual (Manual).
- Development of the Manual’s Structure
- Table of Content of the proposed Manual

Reliability Standard Manual

- ARTICLE
- 000. General
- 100. Development of Standards
- 200. Approval Process for Standards
- 300. Approved Standards
- 400. Standards to be Developed
- 500. (Reserved)
- 600. Compliance and Enforcement
- 700. Revenue Requirement, Supporting Information, and Monitoring
- 800. Definitions

- Foreword
- Part 1 – General
- Part 2 – Development of Standards
- Part 3 – Approval Process for Standards
- Part 4 – Approved Standards
- Part 5 – Monitoring, Compliance, and Enforcement
- Part 6 – Standards to be Developed
- Part 7 Revenue Requirement and Supporting Information
- Part 8 – Glossary of Terms

Reliability Standard Manual Table of Content

- Foreword
  - Staff developed a draft. The draft is currently under review by the Administrative Law Judge assigned to the proceeding.

- Part 1 – General
  - 1.0 Application and Purpose
  - 1.1 Reserved

Reliability Standard Manual Table of Content

Reliability Standard Manual
Table of Content

- 2.2 Relationship between Reliability Standards and Competition
  - 2.2.1. Competition.
  - 2.2.2. Market Structures.
  - 2.2.3. Market Solutions.
  - 2.2.4. Commercially Sensitive Information.
  - 2.2.5. Adequacy.

Reliability Standard Manual Table of Content

Reliability Standard Manual Table of Content

Reliability Standard Manual Table of Content

Reliability Standard Manual Table of Content

- **Part 3 – Approval Process for Standards**
  - 3.0 General
  - 3.1 Filing Procedures
  - 3.2 Transparent and Public Regulations Approval Process
  - 3.3 Remanded Reliability Standards and Directives to Develop Standards
  - 3.4 Directives to Develop Reliability Standards under Extraordinary C Circumstances —

Reliability Standard Manual
Table of Content

- **Part 4 – Approved Standards**
  - 4.0 General
  - 4.1 Standards effective June XX, 2019
    - 4.1.1 Alaska Railbelt Standard AKBAL-001-2
      - 4.1.1.1 Attachment 1-AKBAL-001-2
    - 4.1.2 Alaska Railbelt Standard AKBAL-002-2
    - 4.1.3 Alaska Railbelt Standard AKBAL-003-2
    - 4.1.4 Alaska Railbelt Standard AKBAL-004-2
    - 4.1.5 Alaska Railbelt Standard AKBAL-005-2

Reliability Standard Manual Table of Content

Part 4 – Approved Standards (continued)

Reliability Standard Manual Table of Content

Reliability Standard Manual Table of Content

Part 4 – Approved Standards (continued)

- 4.1.18 Alaska Railbelt Standard AKRES-001-2
- 4.1.19 Alaska Railbelt Standard AKTPL-001-2
- 4.1.20 Alaska Railbelt Standard AKVAR-001-2
- 4.1.21 Alaska Railbelt Standard AKVAR-002-2

- 4.2 Standard developed in accordance with this Manual.

Reliability Standard Manual Table of Content

- **Part 5 – Monitoring, Compliance, and Enforcement**
  - Items of concern:
    - Missing DCS Form, “Alaskan Railbelt Control Performance Standard Survey – All Interconnections” or equivalent form to its Reliability Organization
    - No examples of auditing process, forms, or documentation was included.
    - No risk assessment information was included.
    - Most compliance processes rely on self-audit / self-certification.

Reliability Standard Manual Table of Content

- **Part 6 – Standards to be Developed**
  - 6.0 General
  - 6.1 Resource and Demand Balancing
  - 6.2 Critical Infrastructure Protection
  - 6.3 Communications
  - 6.4 Emergency Preparedness and Operations
  - 6.5 Facilities Design, Connections, and Maintenance
  - 6.6 Interchange Scheduling and Coordination
  - 6.7 Interconnection Reliability Operations and Coordination
  - 6.8 Modeling, Data, and Analysis

Reliability Standard Manual Table of Content

- **Part 6 – Standards to be Developed (continued)**
  - 6.9 Nuclear (Staff is working on recommendations to remove this sector from the Standards to be Developed.)
  - 6.10 Personnel Performance, Training, and Qualifications
  - 6.11 Protection and Control
  - 6.12 Transmission Operations

Reliability Standard Manual Table of Content

- **Part 7 - Revenue Requirement and Supporting Information**
  - 7.0 General
  - 7.1 Scope of Business Plans and Budgets
  - 7.2 ERO Funding and Cost Allocation
  - 7.3 ERO Budget Development
  - 7.4 Submittal of ERO to RCA for Approval
  - 7.5 ERO Billing and Collections
  - 7.6 Penalty Applications
  - 7.7 Special Assessments

Reliability Standard Manual Table of Content

- **Part 8 – Glossary of Terms**
  - 8.1 General
  - 8.2 Terms used in Standards found in Part 4
  - 8.3 Terms used in other parts of the Manual